

IN THE CLAIMS:

1. (Currently Amended) A system for configuring a material application system of the type using different components including an application device such as a gun, comprising:
 - a user input device remotely located from a manufacturing site for the material application system;
 - a configuration program accessible by said user input device over a communication network;
 - ~~said configuration program presenting component selection options including application device design based on input data from said user input device;~~
 - wherein when a user accesses said configuration program with said user input device said configuration program presents a list of components that can be selected by said user to configure a material application system; said component list comprising at least a choice of different pumps and different guns; said user making a pump selection and a gun selection with said user input device; said user further inputting to said configuration program at least one characteristic of a type of material to be applied by a selected system;
 - said configuration program verifying component compatibility of said selections for applying a material having said characteristic.
2. (Original) The system of claim 1 wherein said input device comprises a personal computer and said network comprises an Internet connection.
3. (Original) The system of claim 1 wherein said configuration program accesses a pricing and inventory database.
4. (Original) The system of claim 1 wherein said Internet connection comprises a secure Web site.

5. (Withdrawn) The system of claim 1 wherein said material application system comprises a liquid spray system including a spray gun, a nozzle and a pump.

6-11. Canceled.

12. (Original) The apparatus of claim 1 wherein said configuration program operates from a server connected to the communication network.

13. (Original) The apparatus of claim 12 wherein said user input device accesses a database of test data and configuration data to facilitate troubleshooting.

14. (Original) The system of claim 1 wherein said configuration program provides a drag and drop interface to permit a user to configure a system.

15. (Original) The system of claim 1 wherein said configuration program comprises a wizard option to generate a configured system based on response inputs from the user to a number of questions.

16. (Previously Presented) The system of claim 1 comprising case studies based on operational systems wherein said case studies may include the product being coated, the coating material being used, the manufacturer's equipment used in the system, the principal suppliers involved such as the coating material supplier, and the oven and conveyor supplier.

17. (Previously Presented) The system of claim 16 wherein said case studies are accessible from a public web page.

18-20. Canceled.

21. (Previously Presented) The system of claim 1 wherein said configuration program presents a configuration illustration to a user of a visual representation of a selectable system and a component listing from which said user may select available designs of one or more of said components.

22. (Previously Presented) The system of claim 21 wherein said illustration includes a link to a bill of materials database.

23. (Previously Presented) A system for configuring a material application system of the type using different components including an application device such as a gun, comprising:

a user input device remotely located from a manufacturing site for the material application system;

a configuration program accessible by said user input device over a communication network;

~~said configuration program presenting component selection options including application device design based on input data from said user input device;~~

wherein when a user accesses said configuration program with said user input device said configuration program presents a list of components that can be selected by said user to configure a material application system; said component list comprising at least a choice of different pumps and different guns; said user making a pump selection and a gun selection with said user input device; said user further inputting to said configuration program at least one characteristic of a type of material to be applied by a selected system;

said configuration program verifying component compatibility of said selections for applying a material having said characteristic;

said system comprising case studies based on operational systems wherein said case studies include at least one of: the product being coated, the coating material being used, the manufacturer's equipment used in the system, the principal suppliers involved such as the coating material supplier, and the oven and conveyor supplier.

24. (Previously Presented) The system of claim 23 wherein said case studies are accessible from a public web page.

25. (Previously Presented) The system of claim 23 wherein said case studies are available to trade association members over the Internet.

26. (New) The system of claim 1 wherein said component list comprises a choice of different control systems.